

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

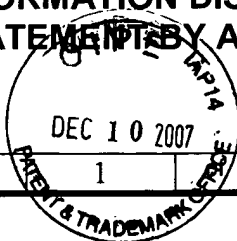
## Complete if Known

Application No.	10/020,515
Filing Date	December 7, 2001
First Named Inventor	Guy G. Riddle
Art Unit	2152
Examiner Name	Kenny S. Lin
Attorney Docket Number	18602-06587 (P1517USR1)

Sheet

1

4



## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

## OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	C1	"Adaptive Audio Layout Algorithm for Shared Packet Networks," IBM Technical Disclosure Bulletin, April 1993, pp. 255-257, Vol. 36, No. 4, Armonk, NY.	
	C2	AGUILAR, L., et al., "Architecture for a Multimedia Teleconferencing System," Proceedings of ACM SIGCOMM'86, August 1986, pp. 126-136.	
	C3	AHUJA, S. R., et al., "The Rapport Multimedia Conferencing System," Proceedings of Conference on Office Information Systems, March 1988, pp. 1-8.	
	C4	BARBERIS, G., et al., "Coded Speech in Packet-Switched Networks: Models and Experiments," IEEE Journal on Selected Areas in Communications, Special Issue on Packet Switched Voice and Data Communication, December 1983, pp. 1028-1038, Vol. SAC-1, No. 6.	
	C5	LE BOUDEC, J., "The Asynchronous Transfer Mode: A Tutorial," Computer Networks and ISDN Systems, May 15, 1992, pp. 279-309, Vol. 24, No. 4.	
	C6	CARNE, E. B., "Modern Telecommunication," Applications of Communications Theory, GTE Laboratories Incorporated, 1984, pp. 44-47.	
	C7	CASNER, S., et al., "First IETF Internet Audiocast," Reprinted from ACM SIGCOMM Computer Communications Review, July 1992, Vol. 22, No. 3, ISI Reprint Series, ISI/RS-92-293, July 1992, pp. 1-6.	
	C8	CASNER, S., et al., "N-Way Conferencing with Packet Video," Reprinted from the Proceedings of the Third International Workshop on Packet Video held March 22-23, 1990 in Morristown, NJ, ISI Reprint Series, ISI/RS-90-252, April 1990, pp. 1-6.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

18602/06587/DOCS/1801155.1

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/020,515
Filing Date	December 7, 2001
First Named Inventor	Guy G. Riddle
Art Unit	2152
Examiner Name	Kenny S. Lin
Attorney Docket Number	18602-06587 (P1517USR1)

Sheet 2 of 4

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	C9	COHEN, D., "Specifications for the Network Voice Protocol," USC/Information Sciences Institute, March 1976, ISI/RR-75-39, Available from DTIC (AD # A023506).	
	C10	COHEN, D., "Specifications for the Network Voice Protocol (NVP)," NWG/RFC 741, November 1977.	
	C11	COMER, D., "Internetworking with TCP/IP, Vol. 1: Principles, Protocols, and Architecture," 2 <sup>nd</sup> Edition, 1991, pp. 1-8, 337-346, 505, Prentice Hall, Englewood Cliffs, NJ.	
	C12	DEGAN, J. J., et al., "Fast Packet Technology for Future Switches," AT&T Technical Journal, March/April 1989, pp. 36-50, Vol. 68, No. 2.	
	C13	ENG, K. Y., et al., "Multicast and Broadcast Services in a Knockout Packet Switch," Proceedings of the IEEE INFOCOM'88, pp. 29-34.	
	C14	FORS DICK, H., "Explorations into Real-Time Multimedia Conferencing," Proceedings of the 2 <sup>nd</sup> International Symposium on Computer Message Systems, IFIP, September 1985, pp. 331-347.	
	C15	GEMMELL, J., et al., "A Scalable Multicast Architecture for One-to-Many Telepresentations," Multimedia Computing and Systems, Proceedings, IEEE International Conference, 1998, pp. 128-139.	
	C16	GEMMELL, J. et al., "An Architecture for Multicast Telepresentations," Journal of Computing and Information Technology --CIT, pp. 255-272, Vol. 6, No. 3.	
	C17	GHAFOOR, A., et al., "An Efficient Communication Structure for Distributed Commit Protocols," IEEE Journal on Selected Areas in Communications, April 1989, pp. 375-389, Vol. 7, No. 3.	
	C18	HOBRECHT, W. L., "A Layered Network Protocol for Packet Voice and Data Integration," IEEE Journal on Selected Areas in Communications, Special Issue on Packet Switched Voice and Data Communication, December 1983, pp. 1006-1013, Vol. SAC-1, No. 6.	
	C19	LANTZ, K. A., "An Experiment in Integrated Multimedia Conferencing," Proceedings of the Conference on Computer-Supported Cooperative Work'86, December 1986, pp. 533-552, Reading 19.	
	C20	LEE, T. T., et al., "The Architecture of a Multicast Broadband Packet Switch," Proceedings of IEEE INFOCOM'88, pp. 1-8.	
	C21	LEUNG, W. H., et al., "A Set of Operating System Mechanisms to Support Multi-Media Applications," Proceedings of 1988 International Zurich Seminar on Digital Communications, March 1988, pp. B4.1-B4.6.	
	C22	LEUNG, W. F., et al., "A Software Architecture for Workstations Supporting Multimedia Conferencing in Packet Switching Networks," IEEE Journal on Selected Areas in Communications, April 1990, pp. 380-390, Vol. 8, No. 3.	
	C23	MAENO, K., et al., "Distributed Desktop Conferencing System (MERMAID) Based on Group Communication Architecture," ICC '91, June 28, 1991, pp. 0520-0525.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/020,515
Filing Date	December 7, 2001
First Named Inventor	Guy G. Riddle
Art Unit	2152
Examiner Name	Kenny S. Lin
Attorney Docket Number	18602-06587 (P1517USR1)

Sheet 3 of 4

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	C24	MAGILL, D. T., "Adaptive Speech Compression for Packet Communication Systems," Conference Record of the IEEE National Telecommunications Conference, 1973, pp. 29D-1 - 29-D5.	
	C25	MARK, J. W., et al., "A Dual-Ring LAN for Integrated Voice/Video/Data Services," Department of Electrical and Computer Engineering and Computer Communications Networks Group, IEEE, 1990, pp. 850-857, University of Waterloo, Waterloo, Ontario, Canada.	
	C26	MINZER, S. E., et al., "New Directions in Signaling for Broadband ISDN," IEEE Communications Magazine, February 1989, pp. 6-14.	
	C27	MONTGOMERY, W. A., "Techniques for Packet Voice Synchronization," IEEE Journal on Selected Areas in Communications, Special Issue on Packet Switched Voice and Data Communication, December 1983, pp. 1022-1028, Vol. SAC-1, No. 6.	
	C28	MUSSER, J. M., et al., "A Local Area Network as a Telephone Local Subscriber Loop," IEEE Journal on Selected Areas in Communications, Special Issue on Packet Switched Voice and Data Communication, December 1983, pp. 1046-1054, Vol. SAC-1, No. 6.	
	C29	NICOLAOU, C., "An Architecture for Real-Time Multimedia Communication Systems," IEEE Journal on Selected Areas in Communications, April 1990, pp. 391-400, Vol. 8, No. 3.	
	C30	NOJIMA, S., et al., "High Speed Packet Switching Network for Multi-Media Information," Proceedings of IEEE 1986 Computer Networking Symposium, pp. 141-150.	
	C31	"OSF/Motif Programmer's Guide, Revision 1.1," Open Software Foundation, 1990, 1991, pp. i - xviii, 1-1 - 1-9, GL-1 - GL-15, Index-1 - Index-34, Prentice-Hall, Inc., Englewood Cliffs, NJ.	
	C32	"Output Throttle Mechanism," IBM Technical Disclosure Bulletin, April 1990, pp. 274-279, Vol. 32, No. 11.	
	C33	PALMER, L., et al., "Desktop Meeting," LAN Magazine, November 1991, pp. 111-121, Vol. 6, No. 11.	
	C34	POGGIO, A., et al., "CCWS: A Computer-Based, Multimedia Information System," Computer, October 1985, pp. 92-103.	
	C35	SCHOOLER, E. M., "A Distributed Architecture for Multimedia Conference Control," ISI Research Report, November 1991, ISI/RR-91-289, 20 pages, University of Southern California, Information Sciences Institute.	
	C36	SCHOOLER, E. M., et al., "A Packet-Switched Multimedia Conferencing System," Reprinted from ACM SIGOIS Bulletin, January 1989, pp. 12-22, Vol. 1, No. 1, University of Southern California, Information Sciences Institute.	
	C37	SCHOOLER, E. M., et al., "An Architecture for Multimedia Connection Management," Reprinted from the Proceedings of the IEEE 4 <sup>TH</sup> Comsoc International Workshop on Multimedia Communications, MM '92, April 1992, pp. 271-274, Monterey, CA, ISI Reprint Series, ISI/RS-92-294, August 1992, pp. 1-4.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

18602/06587/DOCS/1801155.1

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/020,515
Filing Date	December 7, 2001
First Named Inventor	Guy G. Riddle
Art Unit	2152
Examiner Name	Kenny S. Lin
Attorney Docket Number	18602-06587 (P1517USR1)

Sheet 4 of 4

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	C38	SCHOOLER, E. M., "Case Study: Multimedia Conference Control in a Packet-Switched Teleconferencing System," Reprinted from the Journal of Internetworking: Research and Experience, June 1993, pp. 99-120, Vol. 4, No. 2, ISI Reprint Series, ISI/RS-93-359, August 1993, pp. 1-17.	
	C39	SCHOOLER, E. M., "Conferencing and Collaborative Computing," Multimedia Systems, 1996, pp. 210-225, Vol. 4.	
	C40	SCHOOLER, E. M., et al., "Multimedia Conferencing: Has it come of age?," IEEE Journal on Selected Areas in Communications, 1991, pp. 707-716.	
	C41	SCHOOLER, E. M., "The Connection Control Protocol: Architecture Overview," USC/Information Sciences Institute, Version 1.0, January 28, 1992, pp. 1-6.	
	C42	SCHOOLER, E. M., "The Connection Control Protocol: Specification," USC/Information Sciences Institute, Version 1.1, January 29, 1992, pp. 1-6.	
	C43	SCHULZRINNE, H., "A Transport Protocol for Real-Time Applications," Audio-Video Transport WG, Internet Engineering Task Force, Internet Draft, draft-ietf-avt-rtp-00, December 15, 1992, pp. 1-12,	
	C44	SCHULZRINNE, H., et al. "A Transport Protocol for Real-Time Applications," Audio-Video Transport WG, Internet Engineering Task Force, Internet Draft, draft-ietf-avt-rtp-01, May 6, 1993, pp. 1-18.	
	C45	SHENKER, S., et al., "Managing Shared Ephemeral Teleconferencing State: Policy and Mechanism," Lecture Notes in Computer Science, 1994, Vol. 882, 69.	
	C46	TURNER, J. S., "Design of a Broadcast Packet Switching Network," IEEE Transactions on Communications, June 1988, pp. 734-743, Vol. 36, No. 6.	
	C47	UEDA, H., et al., "Evaluation of an Experimental Packetized Speech and Data Transmission System," IEEE Journal on Selected Areas in Communications, Special Issue on Packet Switched Voice and Data Communication, December 1983, pp. 1039-1045, Vol. SAC-1, No. 6.	
	C48	"ULTRIX Worksystem Software X Window System Protocol: X Version 11," ULTRIX Worksystem Software, Version 2.0, Digital Equipment Corporation, 1988, Order No. AA-MA98A-TE.	
	C49	WATABE, K., et al., "Distributed Desktop Conferencing System with Multiuser Multimedia Interface," IEEE Journal on Selected Areas in Communications, May 1991, pp. 531-539, Vol. 9, No. 4.	
	C50	WEINSTEIN, C. J., et al., "Experience with Speech Communication in Packet Networks," IEEE Journal on Selected Areas in Communications, Special Issue on Packet Switched Voice and Data Communication, December 1983, pp. 963-980, Vol. SAC-1, No. 6.	
	C51	YUKIMATSU, K., et al., "Multicast Communication Facilities in a High Speed Packet Switching Network," Proceedings of ICC'86, pp. 276-281.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.